

Antonio Marcilla

List of Publications by Year in descending order

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86
papers

17,659
citations

81839

39
h-index

56687

83
g-index

86
all docs

86
docs citations

86
times ranked

21104
citing authors

#	ARTICLE	IF	CITATIONS
1	Minimal information for studies of extracellular vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines. <i>Journal of Extracellular Vesicles</i> , 2018, 7, 1535750.	5.5	6,961
2	Biological properties of extracellular vesicles and their physiological functions. <i>Journal of Extracellular Vesicles</i> , 2015, 4, 27066.	5.5	3,973
3	Vesiclepedia: A Compendium for Extracellular Vesicles with Continuous Community Annotation. <i>PLoS Biology</i> , 2012, 10, e1001450.	2.6	1,064
4	Applying extracellular vesicles based therapeutics in clinical trials – an ISEV position paper. <i>Journal of Extracellular Vesicles</i> , 2015, 4, 30087.	5.5	1,020
5	Evidence-Based Clinical Use of Nanoscale Extracellular Vesicles in Nanomedicine. <i>ACS Nano</i> , 2016, 10, 3886-3899.	7.3	397
6	EVpedia: a community web portal for extracellular vesicles research. <i>Bioinformatics</i> , 2015, 31, 933-939.	1.8	317
7	Extracellular Vesicles from Parasitic Helminths Contain Specific Excretory/Secretory Proteins and Are Internalized in Intestinal Host Cells. <i>PLoS ONE</i> , 2012, 7, e45974.	1.1	300
8	Extracellular vesicles in parasitic diseases. <i>Journal of Extracellular Vesicles</i> , 2014, 3, 25040.	5.5	205
9	Hsa-miR-30d, secreted by the human endometrium, is taken up by the pre-implantation embryo and might modify its transcriptome. <i>Development (Cambridge)</i> , 2015, 142, 3210-3221.	1.2	205
10	The Extracellular Vesicles of the Helminth Pathogen, <i>Fasciola hepatica</i> : Biogenesis Pathways and Cargo Molecules Involved in Parasite Pathogenesis*. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 3258-3273.	2.5	194
11	The ITS-2 of the Nuclear rDNA as a Molecular Marker for Populations, Species, and Phylogenetic Relationships in Triatominae (Hemiptera: Reduviidae), Vectors of Chagas Disease. <i>Molecular Phylogenetics and Evolution</i> , 2001, 18, 136-142.	1.2	160
12	Exosome levels in human body fluids: A tumor marker by themselves?. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 96, 93-98.	1.9	148
13	A PCR-RFLP assay for the distinction between <i>Fasciola hepatica</i> and <i>Fasciola gigantica</i> . <i>Molecular and Cellular Probes</i> , 2002, 16, 327-333.	0.9	133
14	Identification of enolase as a plasminogen-binding protein in excretory-secretory products of <i>Fasciola hepatica</i> . <i>FEBS Letters</i> , 2004, 563, 203-206.	1.3	128
15	Origin and phylogeography of the Chagas disease main vector <i>Triatoma infestans</i> based on nuclear rDNA sequences and genome size. <i>Infection, Genetics and Evolution</i> , 2006, 6, 46-62.	1.0	116
16	Identification of the Major Tyrosine Kinase Substrate in Signaling Complexes Formed after Engagement of Fcγ3 Receptors. <i>Journal of Biological Chemistry</i> , 1995, 270, 9115-9120.	1.6	110
17	Exploration of extracellular vesicles from <i>Ascaris suum</i> provides evidence of parasite-host cross talk. <i>Journal of Extracellular Vesicles</i> , 2019, 8, 1578116.	5.5	103
18	Surface analysis of <i>Dicrocoelium dendriticum</i> . The molecular characterization of exosomes reveals the presence of miRNAs. <i>Journal of Proteomics</i> , 2014, 105, 232-241.	1.2	99

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19	High risk of bacterobilia in advanced experimental chronic fasciolosis. <i>Acta Tropica</i> , 2006, 100, 17-23.	0.9	77
20	The future of Extracellular Vesicles as Theranostics – an ISEV meeting report. <i>Journal of Extracellular Vesicles</i> , 2020, 9, 1809766.	5.5	77
21	Extracellular vesicles in food: Experimental evidence of their secretion in grape fruits. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 98, 40-50.	1.9	74
22	Nuclear rDNA ITS-2 sequences reveal polyphyly of <i>Panstrongylus</i> species (Hemiptera: Reduviidae): Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.0	73
23	The Role of Extracellular Vesicles in Modulating the Host Immune Response during Parasitic Infections. <i>Frontiers in Immunology</i> , 2014, 5, 433.	2.2	73
24	The protein and microRNA cargo of extracellular vesicles from parasitic helminths – current status and research priorities. <i>International Journal for Parasitology</i> , 2020, 50, 635-645.	1.3	73
25	Microvesicles released from <i>Giardia intestinalis</i> disturb host-pathogen response in vitro. <i>European Journal of Cell Biology</i> , 2017, 96, 131-142.	1.6	72
26	Cestode parasites release extracellular vesicles with microRNAs and immunodiagnostic protein cargo. <i>International Journal for Parasitology</i> , 2017, 47, 675-686.	1.3	69
27	The revised microRNA complement of <i>Fasciola hepatica</i> reveals a plethora of overlooked microRNAs and evidence for enrichment of immuno-regulatory microRNAs in extracellular vesicles. <i>International Journal for Parasitology</i> , 2015, 45, 697-702.	1.3	64
28	<i>Candida albicans</i> mycelial wall structure: supramolecular complexes released by Zymolyase, chitinase and β -mercaptoethanol. <i>Archives of Microbiology</i> , 1991, 155, 312-9.	1.0	60
29	On the presence and immunoregulatory functions of extracellular microRNA in the trematode <i>Fasciola hepatica</i> . <i>Parasite Immunology</i> , 2017, 39, e12399.	0.7	59
30	Plasma-derived extracellular vesicles from <i>Plasmodium vivax</i> patients signal spleen fibroblasts via NF- κ B facilitating parasite cytoadherence. <i>Nature Communications</i> , 2020, 11, 2761.	5.8	56
31	Leucine Aminopeptidase Is an Immunodominant Antigen of <i>Fasciola hepatica</i> Excretory and Secretory Products in Human Infections. <i>Vaccine Journal</i> , 2008, 15, 95-100.	3.2	55
32	Identification of antigenic proteins from <i>Echinostoma caproni</i> (Trematoda) recognized by mouse immunoglobulins M, A and G using an immunoproteomic approach. <i>Parasite Immunology</i> , 2008, 30, 271-279.	0.7	53
33	Subcutaneous injection of exosomes reduces symptom severity and mortality induced by <i>Echinostoma caproni</i> infection in BALB/c mice. <i>International Journal for Parasitology</i> , 2016, 46, 799-808.	1.3	50
34	Extracellular Vesicles From the Helminth <i>Fasciola hepatica</i> Prevent DSS-Induced Acute Ulcerative Colitis in a T-Lymphocyte Independent Mode. <i>Frontiers in Microbiology</i> , 2018, 9, 1036.	1.5	48
35	Identification of proteins in excretory/secretory extracts of <i>Echinostoma friedi</i> (Trematoda) from chronic and acute infections. <i>Proteomics</i> , 2006, 6, 2835-2843.	1.3	46
36	Excretory/secretory proteome of the adult stage of <i>Echinostoma caproni</i> . <i>Parasitology Research</i> , 2010, 107, 691-697.	0.6	46

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37	DEVELOPMENT AND PATHOLOGY OF ECHINOSTOMA CAPRONI IN EXPERIMENTALLY INFECTED MICE. Journal of Parasitology, 2007, 93, 854-859.	0.3	45
38	Echinostoma caproni: Intestinal pathology in the golden hamster, a highly compatible host, and the Wistar rat, a less compatible host. Experimental Parasitology, 2006, 112, 164-171.	0.5	42
39	Echinostoma caproni: Identification of enolase in excretory/secretory products, molecular cloning, and functional expression. Experimental Parasitology, 2007, 117, 57-64.	0.5	41
40	Highlights of the São Paulo ISEV workshop on extracellular vesicles in cross-kingdom communication. Journal of Extracellular Vesicles, 2017, 6, 1407213.	5.5	38
41	Triatomine vectors of Trypanosoma cruzi: a molecular perspective based on nuclear ribosomal DNA markers. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2002, 96, S159-S164.	0.7	37
42	Proteomics of foodborne trematodes. Journal of Proteomics, 2011, 74, 1485-1503.	1.2	37
43	Echinostoma caproni (Trematoda): Differential in vivo cytokine responses in high and low compatible hosts. Experimental Parasitology, 2011, 127, 387-397.	0.5	36
44	Monoclonal antibody 3H8: a useful tool in the diagnosis of candidiasis. Microbiology (United Kingdom) 10, 11, 150-155.	0.7	35
45	Critical steps in fungal cell wall synthesis: Strategies for their inhibition. , 1993, 60, 337-345.		34
46	Wall formation by Candida albicans yeast cells: synthesis, secretion and incorporation of two types of mannoproteins. Journal of General Microbiology, 1993, 139, 2985-2993.	2.3	34
47	Echinostoma caproni: Kinetics of IgM, IgA and IgG subclasses in the serum and intestine of experimentally infected rats and mice. Experimental Parasitology, 2007, 116, 390-398.	0.5	31
48	Proteomic analysis of Strongyloides stercoralis L3 larvae. Parasitology, 2010, 137, 1577-1583.	0.7	30
49	The Transcriptome Analysis of Strongyloides stercoralis L3 Larvae Reveals Targets for Intervention in a Neglected Disease. PLoS Neglected Tropical Diseases, 2012, 6, e1513.	1.3	29
50	Th17 responses in Echinostoma caproni infections in hosts of high and low compatibility. Experimental Parasitology, 2011, 129, 307-311.	0.5	28
51	KINETICS OF ECHINOSTOMA CAPRONI (TREMATODA: ECHINOSTOMATIDAE) ANTIGENS IN FECES AND SERUM OF EXPERIMENTALLY INFECTED HAMSTERS AND RATS. Journal of Parasitology, 2004, 90, 752-758.	0.3	27
52	DEVELOPMENT OF AN ANTIBODY-BASED CAPTURE ENZYME-LINKED IMMUNOSORBENT ASSAY FOR DETECTING ECHINOSTOMA CAPRONI (TREMATODA) IN EXPERIMENTALLY INFECTED RATS: KINETICS OF COPROANTIGEN EXCRETION. Journal of Parasitology, 2003, 89, 1227-1231.	0.3	26
53	Kinetics of Antibodies and Antigens in Serum of Mice Experimentally Infected with Echinostoma caproni (Trematoda: Echinostomatidae). Journal of Parasitology, 2005, 91, 978-980.	0.3	25
54	Transcytosis of Bacillus subtilis extracellular vesicles through an in vitro intestinal epithelial cell model. Scientific Reports, 2020, 10, 3120.	1.6	24

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55	Incorporation of specific wall proteins during yeast and mycelial protoplast regeneration in <i>Candida albicans</i> . <i>Archives of Microbiology</i> , 1994, 161, 145-151.	1.0	21
56	Specific Immunohistochemical Identification of <i>Candida albicans</i> in Paraffin-embedded Tissue With a New Monoclonal Antibody (1B12). <i>American Journal of Clinical Pathology</i> , 1995, 103, 130-135.	0.4	21
57	Prevalence and risk factors related to intestinal parasites among children in Department of Rio San Juan, Nicaragua. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2014, 108, 774-782.	0.7	21
58	Diversity of extracellular vesicles from different developmental stages of <i>Fasciola hepatica</i> . <i>International Journal for Parasitology</i> , 2020, 50, 663-669.	1.3	20
59	Molecular cloning and characterization of <i>Echinostoma caproni</i> heat shock protein-70 and differential expression in the parasite derived from low- and high-compatible hosts. <i>Parasitology</i> , 2008, 135, 1469-1477.	0.7	19
60	The transcriptome of <i>Echinostoma caproni</i> adults: Further characterization of the secretome and identification of new potential drug targets. <i>Journal of Proteomics</i> , 2013, 89, 202-214.	1.2	19
61	Overview of the interaction of helminth extracellular vesicles with the host and their potential functions and biological applications. <i>Molecular Immunology</i> , 2021, 134, 228-235.	1.0	19
62	Extracellular non-coding RNA signatures of the metacestode stage of <i>Echinococcus multilocularis</i> . <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008890.	1.3	16
63	Screening trematodes for novel intervention targets: a proteomic and immunological comparison of <i>Schistosoma haematobium</i> , <i>Schistosoma bovis</i> and <i>Echinostoma caproni</i> . <i>Parasitology</i> , 2011, 138, 1607-1619.	0.7	12
64	Protective immunity against <i>Echinostoma caproni</i> in rats is induced by <i>Syphacia muris</i> infection. <i>International Journal for Parasitology</i> , 2013, 43, 453-463.	1.3	12
65	A <i>Candida albicans</i> 37 kDa polypeptide with homology to the laminin receptor is a component of the translational machinery. <i>Microbiology (United Kingdom)</i> , 1998, 144, 839-847.	0.7	12
66	Incorporation of specific wall proteins during yeast and mycelial protoplast regeneration in. <i>Archives of Microbiology</i> , 1994, 161, 145.	1.0	12
67	<i>Echinostoma caproni</i> : Differential tegumental responses to growth in compatible and less compatible hosts. <i>Experimental Parasitology</i> , 2010, 125, 304-309.	0.5	11
68	Proteomic analysis of the pinworm <i>Syphacia muris</i> (Nematoda: Oxyuridae), a parasite of laboratory rats. <i>Parasitology International</i> , 2012, 61, 561-564.	0.6	9
69	Proteomic Analysis of Extracellular Vesicles From <i>Fasciola hepatica</i> Hatching Eggs and Juveniles in Culture. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, .	1.8	9
70	Isolation and characterization of urine microvesicles from prostate cancer patients: different approaches, different visions. <i>BMC Urology</i> , 2021, 21, 137.	0.6	8
71	Specific tyrosine phosphorylation in response to bile in <i>Fasciola hepatica</i> and <i>Echinostoma friedi</i> . <i>Experimental Parasitology</i> , 2004, 106, 56-58.	0.5	7
72	First ultrastructural data on the human tapeworm <i>Taenia asiatica</i> eggs by scanning and transmission electron microscopy (SEM, TEM). <i>Parasitology Research</i> , 2016, 115, 3649-3655.	0.6	7

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73	Reprint of "EXOSOME LEVELS IN HUMAN BODY FLUIDS: A TUMOR MARKER BY THEMSELVES" European Journal of Pharmaceutical Sciences, 2017, 98, 64-69.	1.9	7
74	Trichuris trichiura egg extract proteome reveals potential diagnostic targets and immunomodulators. PLoS Neglected Tropical Diseases, 2021, 15, e0009221.	1.3	7
75	Molecular Profile Study of Extracellular Vesicles for the Identification of Useful Small "Hit" in Cancer Diagnosis. Applied Sciences (Switzerland), 2021, 11, 10787.	1.3	6
76	Echinostomes: genomics and proteomics. , 2009, , 207-228.		5
77	Morphological and molecular characterization of Paragonimus caliensis Little, 1968 (Trematoda: Tj ETQq1 1 0.784314 rgBT /Overlock 1	0.9	5
78	Pathogens and extracellular vesicles: New paths and challenges to understanding and treating diseases. Editorial opinion. Molecular Immunology, 2021, 139, 155-156.	1.0	5
79	Zygodontia steineri: Proteomic analysis of the adult stage. Experimental Parasitology, 2011, 128, 133-137.	0.5	4
80	Preparation of Anti-protein and Anti-mannan Antisera against Fungal Cell Wall by Affinity Chromatography. Experimental Mycology, 1994, 18, 159-167.	1.8	2
81	Isolation and Analysis of Fasciola hepatica Extracellular Vesicles. Methods in Molecular Biology, 2020, 2137, 37-50.	0.4	2
82	Cloning and characterization of the phenylalanyl-tRNA synthetase β subunit gene from Candida albicans. FEMS Microbiology Letters, 1998, 161, 179-185.	0.7	1
83	Analysis of the Tegument of <i>Zygodontia steineri</i> (Trematoda: Paramphistomidae) Adults by Scanning Electron Microscopy. Journal of Parasitology, 2012, 98, 1287-1290.	0.3	1
84	Cellular immune responses in Echinostoma caproni experimentally infected mice. Parasitology Research, 2012, 110, 1033-1036.	0.6	1
85	First Symposium of "Grupo Español de Investigación en Vesículas Extracelulares (GEIVEX)", Segovia, 8-9 November 2012. Journal of Extracellular Vesicles, 2013, 2, 20256.	5.5	1
86	Numerical analysis of whole-cell and cell wall proteins™ profiles of human oral cavity Candida isolates. African Journal of Microbiology Research, 2012, 6, .	0.4	0